

July 1, 1999

CLASS SPECIFICATION
SAN DIEGO CITY CIVIL SERVICE COMMISSION
POWER PLANT OPERATOR

DEFINITION:

Under general supervision, to operate, monitor, maintain and repair electrical and mechanical power plant machinery and related equipment; and to perform related work.

*** EXAMPLES OF DUTIES:**

- Operates, monitors, maintains and repairs electrical power cogenerating plant machinery including methane/natural gas engines, prime movers, high-voltage generators, catalytic converters, switchgears, voltage panels, transformers, circuit breakers, and auxiliary equipment;
- Diagnoses and repairs engine, generator and switchgear malfunctions, as well as defective hydraulic, pneumatic and electrical systems and instrumentation;
- Complies with schedules for inspecting, servicing, lubricating and maintaining power plant equipment;
- Maintains equipment service and repair logs.

MINIMUM QUALIFICATIONS:

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

Three years of journey-level experience troubleshooting, repairing, and maintaining large engines (at least 600 horsepower) or high voltage (440 volts or higher) electrical systems. Successful completion of an Associate degree, State-accredited apprenticeship program, or an equivalent level community college certification program in electricity, electronics technology, or equipment mechanics may be substituted for one year of the required experience.

- * EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.